Appendix I: Master/Node System Administration

Master PC Administration

There are many types of ATS files that are collected on the Master PCs during execution of ATS. These include message logs, SCC schedule and ephemeris tables, pass result summaries, operational profiles and device operation status files. All are retained and archived for thirty days before their automatic deletion from the system. Removal from the system is final; no intervening Windows "trash can" is utilized. The ATS process *PassResultsCompiler.exe* accomplishes the automatic removal task when it executes following takedown of any support.

Files automatically archived and deleted when a 30-day age is reached (or exceeded) includes:

File	Definition
C:\Master\Schedule\Archive\Prf*\Prfw*	Pass result summary files.
C:\Master\Schedule\Archive*.txt	Schedule/Ephemeris files delivered to SCC at initialization; ASCII pass log files retrieved from SCC at takedown.
C:\Master\MasterLogs*.txt	Master *MessageLog* files.
C:\Master\Schedule\Archive*.scd	WOTRS schedule files.
C:\Master\PtpLogs*	PTP operation logs collected from node at takedown.
C:\Master\TdfLogs*	TDF operation logs collected from node at takedown.
C:\temp*.log	All operation logs, including MetrumBVLDS status.

ATS application software is available on CD. One copy is retained at each ground station. See Appendix J: ATS Software Installation Guide for information regarding ATS installation.

Node PC Administration

The Node PCs are equipped with a 4.3-gigabyte drive. These PCs are responsible for starting and stopping operational equipment. They also poll status from the equipment and collect it in numerous files, or operation logs. These files are not removed by any process related to ATS. Instead, an operator or system administrator must delete them in order to avoid excessive system disk usage. Removal from the Windows desktop trash can is also required.

Files should be allowed to accumulate for a minimum of 30 days before their removal. No backup of these files is required. A procedure should be adopted which respects the following issues:

(1) Monitor node disk space usage. The accumulation of these files at a busy ground station will consume disk space quickly. Operational personnel should monitor disk space occasionally and take removal action when a 75-80% number is exceeded.
(2) File archive age. Files should be retained for a minimum of 30 days. An age of sixty or ninety days, however, may allow a longer interval for trouble-shooting of ATS problems.
(3) Assign a local system administrator. An on-site system administrator avoids delays associated with network activity from a remote user. It also provides operations personnel more flexibility regarding the method their machines should be managed.

The following files should be removed according to the procedure adopted at the ground station:

File	Definition
C:\Node\OperationLogs*.log	All operation logs collected during real-time support.

ATS application software is available on CD. One copy is retained at each ground station. See Appendix J: ATS Software Installation Guide for information regarding ATS installation.